Attorney's Docket No.: 06275-453US1 / 100894-1P US

Applicant: Jeffrey Stonehouse Serial No.: 10/534,191 Filed: May 6, 2005

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

# **Listing of Claims**:

### 1. (Original) A compound of formula (I)

$$\begin{array}{c} X \\ X \\ S \\ \end{array} \begin{array}{c} N \\ NH_2 \end{array} \hspace{1cm} \text{(I)}$$

wherein:

T and W independently represent CR<sup>1</sup> or N; and when more than one R<sup>1</sup> group is present, each may be selected independently;

X and R<sup>1</sup> independently represent H, C1 to 4 alkyl, C1 to 4 alkoxy, halogen, CN, C≡CH, NO<sub>2</sub>, CHO, COCH<sub>3</sub> or NHCHO; said alkyl or alkoxy group being optionally further substituted by one or more fluorine atoms;

Y represents C1 to 4 alkyl, C1 to 4 alkoxy, halogen, CN, C ≡CH, NO<sub>2</sub>, CHO, COCH<sub>3</sub> or NHCHO; said alkyl or alkoxy group being optionally further substituted by one or more fluorine atoms;

or a pharmaceutically acceptable salt thereof.

- 2. (Original) A compound according to Claim 1 wherein Y represents CN or halogen.
- 3. (Currently Amended) A compound according to Claim 1 [[or 2]] wherein X and  $R^1$  independently represent H, halogen or  $CF_3$ .
  - 4. (Original) A compound of formula (I), according to Claim 1, which is:

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2-[[(1R,3S)-3-amino-4-hydroxy-1-(5-thiazolyl)butyl]thio]-5-chloro-3-pyridinecarbonitrile;

2-[[(1R,3S)-3-amino-4-hydroxy-1-(5-thiazolyl)butyl]thio]-4-chloro-benzonitrile; (2S,4R)-2-amino-4-[[2-chloro-5-(trifluoromethyl)phenyl]thio]-5-thiazolebutanol;

2-[[(1*R*,3*S*)-3-amino-4-hydroxy-1-(5-thiazolyl)butyl]thio]-6-(trifluoromethyl)- 3-pyridinecarbonitrile;

2-[[(1R,3S)-3-amino-4-hydroxy-1-(5-thiazolyl)butyl]thio]-5-chloro-benzonitrile; or a pharmaceutically acceptable salt thereof.

### 5. (Cancelled)

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6. (Previously Presented) A pharmaceutical composition comprising a compound of formula (I) according to Claim 1, or a pharmaceutically acceptable salt thereof, in admixture with a pharmaceutically acceptable adjuvant, diluent or carrier.

#### 7-12. (Cancelled)

- 13. (Previously Presented) A method for the treatment or prophylaxis of pain comprising administering a compound of formula (I) as defined in Claim 1, or a pharmaceutically acceptable salt thereof.
- 14. (Previously Presented) A method for the treatment or prophylaxis of an inflammatory disease comprising administering a compound of formula (I) as defined in Claim 1, or a pharmaceutically acceptable salt thereof, and a COX-2 inhibitor.
- 15. (Previously Presented) A method of treating, or reducing the risk of, a human disease or condition in which inhibition of nitric oxide synthase activity is beneficial which comprises administering a therapeutically effective amount of a compound of formula (I), as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

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16. (Previously Presented) A method according to Claim 15 in which it is predominantly inducible nitric oxide synthase that is inhibited.

- 17. (Currently Amended) A method of treating, or reducing the risk of, an inflammatory disease selected from the group consisting of inflammatory bowel disease, rheumatoid arthritis, and osteoarthritis in a person suffering from, or at risk of, said disease, wherein the method comprises administering a therapeutically effective amount of a compound of formula (I), as defined in Claim 1, or a pharmaceutically acceptable salt thereof.
- 18. (Previously Presented) A process for the preparation of a compound of formula (I), as defined in Claim 1, or a pharmaceutically acceptable salt, enantiomer or racemate thereof, wherein the process comprises:
  - (a) reaction of a compound of formula (II)

$$\begin{array}{c} X \\ W \\ \downarrow \\ V \end{array} \qquad (II)$$

wherein T, X, Y and W are as defined in Claim 1 and L<sup>1</sup> represents a leaving group, with a compound of formula (III)

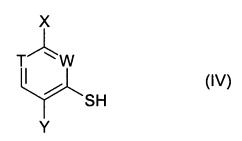
or

(b) reaction of a compound of formula (IV)

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wherein T, W, X and Y are as defined in Claim 1, with a compound of formula (V)

$$S \longrightarrow OH$$
 $L^2 \longrightarrow NH_2$ 
 $(V)$ 

wherein L<sup>2</sup> is a leaving group.

- 19. (Previously Presented) A process as defined in Claim 18, further comprising: converting the resultant compound of formula (I) into a pharmaceutically acceptable salt thereof; converting the resultant compound of formula (I) into another compound of formula (I); or converting the resultant compound of formula (I) into an optical isomer thereof.
- 20. (Previously Presented) A compound according to Claim 2, wherein X and R<sup>1</sup> independently represent H, halogen or CF<sub>3</sub>.
- 21. (Previously Presented) The method as claimed in Claim 17, wherein the inflammatory disease is inflammatory bowel disease.
- 22. (Previously Presented) The method as claimed in Claim 17, wherein the inflammatory disease is rheumatoid arthritis.
  - 23. (Previously Presented) The method as claimed in Claim 17, wherein the inflammatory disease is osteoarthritis.